



TJK/408

**IN THE UNITED STATES PATENT AND TRADEMARKS OFFICE**

In re Application of: Hwang et al.	)	ATOMIC LAYER
	)	DEPOSITION METHOD
Serial No.: 10/645,169	)	AND SEMICONDUCTOR
	)	DEVICE FABRICATING
Filed: 08/19/2003	)	APPARATUS HAVING
	)	ROTATABLE GAS
	)	INJECTORS
	)	Group Art Unit:

**INFORMATION DISCLOSURE STATEMENT**

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P.O. Box 1450  
Mail Stop:  
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Sir:

Submitted herewith pursuant to 37 C.F.R. §1.56, 1.97 and 1.98, is a Form PTO/SB/08A (substitute for form PTO-1449A/PTO) List of Prior Art Cited by Applicant together with copies of the listed patent references.

These are references that were cited by the Examiner in an office action in the parent application serial number 09/927,004.

Please charge any fees, if any, to the deposit account of the undersigned, No. 23-2126. An extra copy is enclosed.

Date:

9/16/03

Wildman, Harrold, Allen & Dixon  
225 West Wacker Drive  
Chicago, IL 60606  
Ph: 312/201-2000  
Fax: 312/201-2555

Respectfully submitted,

By:

Timothy J. Keefer, Reg. No. 35,567

**CERTIFICATE OF MAILING**

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

9-17-2003  
Theridley Fitch



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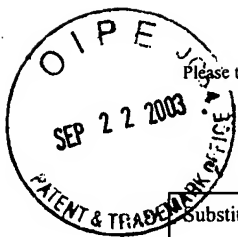
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Therese Fitch



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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/645,169
				Filing Date	08/19/2003
				First Named Inventor	
				Group Art Unit	
Examiner Name				Attorney Docket Number	TJK/408
Sheet	1	Of	2		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	1	3,696,779		Murai et al.	10/10/72	
	2	3,783,822		Wollman	01/08/74	
	3	4,058,430		Suntola et al.	11/15/77	
	4	5,062,386		Christensen	11/05/91	
	5	5,281,274		Yoder	01/25/94	
	6	5,302,209		Maeda et al.	04/12/1994	
	7	5,314,538		Maeda et al.	05/24/94	

FOREIGN PATENT DOCUMENTS								
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind code <sup>5</sup> (if known)				

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<sup>2</sup> See attached Kinds of U.S. Patent Documents.

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<b>Sheet</b>	2	<b>Of</b>	2	<b>Attorney Docket Number</b>	
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	8	5,338,362		Imahashi	08/16/94	
	9	5,702,532		Wen et al.	12/30/97	
	10	5,730,802		Ishizumi et al.	03/24/98	
	11	2002/0043216	A1	Hwang et al.	04/18/02	
	12	2003/0044533	A1	Lee	03/06/03	

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